

IN THE CLAIMS

Please amend the claims to read as follows:

Listing of Claims

Claims 1-26 (Cancelled).

27. (Currently Amended) A base station comprising:

an allocation unit configured to allocate an uplink resource, comprising a frequency resource and a spreading code resource, to be used by a mobile station for transmitting an ACK/NACK signal in response to user data transmitted from the base station to the mobile station;

a generating unit configured to generate transmission power information of the ACK/NACK signal;
an encoding unit configured to jointly encode first allocation information together with the transmission power information and second allocation information to provide control information including the encoded first allocation information, the encoded transmission power information and the encoded second allocation information that are directed to the mobile station, wherein the first allocation information indicates the uplink resource and the second allocation information comprises downlink resource allocation information and indicates a destination of the user data;

a modulating unit configured to modulate the control information that is directed to the mobile station and that includes both first allocation information indicating the uplink resource and second allocation information that comprises downlink resource allocation information and that indicates a destination of the user data; and

a transmitting unit configured to transmit, to the mobile station, the modulated control information including the encoded first allocation information, and the encoded transmission power information and the encoded second allocation information to be simultaneously transmitted on a control channel and configured to transmit, to the mobile station, the user data on a user channel.

28. (Previously Presented) The base station according to claim 27, wherein the frequency resource corresponds to a subcarrier.

29. (Canceled).

30. (Currently Amended) A transmitting method comprising:
allocating an uplink resource, comprising a frequency resource and a spreading code resource, to be used by a mobile station for transmitting an ACK/NACK signal in response to user data transmitted from a base station to the mobile station;
generating transmission power information of the ACK/NACK signal;
encoding jointly first allocation information together with the transmission power
information and second allocation information to provide control information including the
encoded first allocation information, the encoded transmission power information and the

encoded second allocation information that are directed to the mobile station, wherein the first allocation information indicates the uplink resource and the second allocation information comprises downlink resource allocation information and indicates a destination of the user data;

modulating the control information that is directed to the mobile station and that includes both first allocation information indicating the uplink resource and second allocation information that is downlink resource allocation information and that indicates a destination of the user data;

transmitting, to the mobile station, the modulated control information including the encoded first allocation information, the encoded transmission power information and the encoded second allocation information to be simultaneously transmitted on a control channel;

and

transmitting, to the mobile station, the user data on a user channel.

31. (Previously Presented) The transmitting method according to claim 30, wherein the frequency resource corresponds to a subcarrier.

32-34. (Canceled).

35. (Withdrawn) A mobile station comprising:

a receiving unit configured to receive the first allocation information and the second allocation information which are transmitted on the control channel from said base station according to claim 27 and configured to receive the user data which is transmitted on the user channel from said base station;

a demodulating unit configured to demodulate the first allocation information, the second allocation information and the user data;
an error detection unit configured to perform an error detection of the user data; and
a transmitting unit configured to transmit the ACK/NACK signal, according to a result of the error detection, using the resource indicated by the first allocation information.

36. (Withdrawn) A mobile station comprising:

a receiving unit configured to simultaneously receive first allocation information indicating a resource and second allocation information indicating a destination of user data, which are transmitted on a control channel from a base station, and configured to receive the user data which is transmitted on a user channel from the base station;
a demodulating unit configured to demodulate the first allocation information, the second allocation information and the user data;
an error detection unit configured to perform an error detection of the user data; and
a transmitting unit configured to transmit an ACK/NACK signal, according to a result of the error detection, using the resource indicated by the first allocation information.

37. (Canceled).

38. (Canceled).

39. (Previously Presented) The base station according to claim 27, further comprising:

a measuring unit configured to measure a channel quality between the base station and

the mobile station, wherein:

 said allocating unit allocates the uplink resource based on the channel quality.

40. (Previously Presented) The transmitting method according to claim 30, further comprising:

 measuring a channel quality between the base station and the mobile station, wherein the uplink resource is allocated based on the channel quality.